

RIGO 110-DUST CONTAINS DIPEL

For Biological Control of Listed Leaf-Eating Caterpillars

The active ingredient, *Bacillus thuringiensis*, is a naturally occurring component of the environment. DIPEL DUST is a highly selective insecticide for use against leaf-eating caterpillars. Honey bees foraging treated areas are not harmed when DIPEL DUST is used according to label directions. *Bacillus thuringiensis* is exempt from the requirement of a tolerance and may be applied up to time of harvest.

Active Ingredients:

Bacillus thuringiensis, Berliner, 240 International Units of Potency per mg. (0.11 billion International Units per pound)	0.048%
Inert Ingredients:	99.952%
Total:	100.000%

*Dipel is a registered trademark of Abbott Laboratories

EPA Reg. No. 70-227

EPA Est. No. 769-GA-1

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

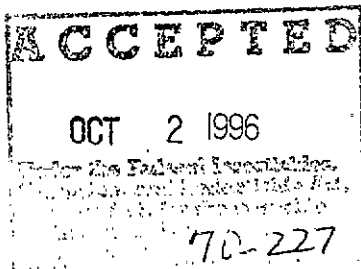
See Side Panel For Additional Precautionary Statements

STATEMENT OF PRACTICAL TREATMENT

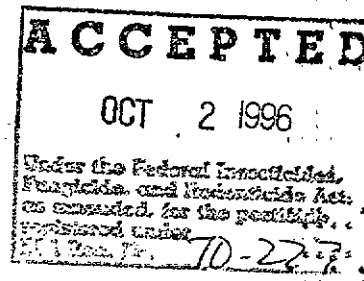
If In Eyes: Flush with plenty of water.

If On Skin: Wash thoroughly with soap and water.

If Inhaled: Remove victim to fresh air. Apply respiration if indicated. Get medical attention if irritation persists.



Manufactured for:
Rigo Company
Louisville, KY 40222



PRECAUTIONARY STATEMENTS
Hazards To Humans and Domestic Animals
CAUTION

Avoid inhalation or contact with skin, eyes or clothing. Avoid breathing dust or spray mist. Wash thoroughly with soap and water after handling. ✓

ENVIRONMENTAL HAZARDS

Do not apply directly to water. Keep out of lakes, streams or ponds. Do not contaminate water when disposing of equipment washwaters or rinsate. ✓

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

✓ **Storage:** Reclose container of unused DIPEL DUST. Store in a dry place inaccessible to children.

✓ **Disposal:** Do not reuse empty container. Wrap container in several layers of newspaper and discard in trash.

APPLICATIONS DIRECTIONS

Since DIPEL DUST works only in caterpillar's stomach, a small amount of treated leaf must be eaten to provide a lethal dose. Complete coverage of both sides of foliage is necessary. After biting a treated portion of the leaf, caterpillars stop feeding within a few hours. Death follows in a few days.

Apply when caterpillars (or their damage) first appear. Retreatment at 7 to 10 day intervals may be required, especially as egg hatch may occur over an extended period of time. Use the higher rates against heavy infestations, or where it may be difficult to obtain good coverage. One ounce per 50 foot garden row equals 20 pounds per acre.

RECOMMENDED APPLICATION RATE

Cole Crops & Vegetables including Leafy, Root, Stalk, & Seed & Pod Types (Peas, Beans, Lentils, etc., dry or succulent), Potatoes, Cucurbits

<u>Pests Controlled:</u>	<u>Ounces/50 ft. Row</u>
Loopers	1 3/4 - 3 1/2
Hornworms	1 - 1 3/4
Imported Cabbageorms	1 - 1 3/4
Diamondback Moth	1 1/4 - 2 1/2
Green Cloverworm	1 - 1 3/4
Webworm	1 3/4 - 3 1/2
Armyworms*	3 1/2 - 7

Tomatoes, Peppers, Eggplant

<u>Pests Controlled:</u>	<u>Ounces/50 ft. Row</u>
Loopers	1 3/4 - 3 1/2
Hornworms	1 - 1 3/4
Tomato Fruitworm**	3 1/2
Variegated Cutworm	3 1/2
Salt Marsh Caterpillars	1 3/4 - 3 1/2
Armyworms*	3 1/2 - 7

**Dipel Dust may be used to suppress small armyworms (1st & 2nd instar) when populations are light and full ground coverage can be attained.*

** *Apply weekly in a preventative program.*

Cucurbits: Melons, Squash, Cucumbers, etc.

<u>Pests Controlled:</u>	<u>Ounces/50 ft. Row</u>
Rindworm Complex*	1 1/4 - 2 1/2
Melonworms	2 1/2 - 5

**Apply weekly in a preventative program.*

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Alfalfa, Pastures, Hay, Sma;; Grains & Forage Crops

<u>Pests Controlled:</u>	<u>Ounces/50 ft. Row</u>
Loopers	1 1/4 - 2 1/2
Alfalfa Caterpillar	1/2 - 3/4
European Skipper (Essex Skipper)	3/4 - 1 1/4

**Use to suppress light to moderate populations of newly hatched worms in pest management conditions. Use under close scouting when beneficial insects are active or building. Repeat treatments at 4 to 5 day intervals as long as necessary and results are acceptable.*

*** Full plant coverage needed.*

Rangeland

<u>Pests Controlled:</u>	<u>Ounces/50 ft. Row</u>
Rangeland Caterpillar	1/4 - 3/4

Turf

<u>Pests Controlled:</u>	<u>Ounces/50 ft. Row</u>
Sod Webworm	5 1/4 - 10 1/2

Flowers & Ornamentals (ground only)

<u>Pests Controlled:</u>	<u>Ounces/50 ft. Row</u>
Loopers	1 1/4 - 2 1/2
Tobacco Budworm	1 1/4 - 2 1/2
Omnivorous Looper	1 1/4 - 2 1/2
<u>Pests Controlled:</u>	<u>Ounces/50 ft. Row</u>
Omnivorous Leafroller	1 1/4 - 2 1/2
Diamonback Moth	1 - 2
Armyworms*	2 1/2 - 5
Ello Moth (Hornworm)	3/4 - 1 1/4
lo Moth	1 1/4 - 2 1/2

Oleander Moth 1 1/4 - 2 1/2

** DIPEL DUST may be used to suppress small armyworms (1st & 2nd instar) when populations are light and full ground coverage can be attained.*

Grapes, Small Fruits, Cane & Bush Berries

<u>Pests Controlled:</u>	<u>Ounces/50 ft. Row</u>
Grape Leaf Skeletonizer (ground only)	2 - 2 1/2
Grape Leaf Folder	1 1/4 - 2 1/4
Acherna Sphinx Moth (Hornworm)	1 - 2 1/4
Salt Marsh Caterpillar	2 1/2
Omnivorous Leafroller (ground only)	1 1/4 - 2 1/2
Loopers	1 1/4 - 2 1/2

Stone Fruits, Nut Trees, Pomegranates

<u>Pests Controlled:</u>	<u>Ounces/50 ft. Row</u>
Red-Humped Caterpillar	3/4 - 1 1/4
Tent Caterpillar	3/4 - 1 1/4
Omnivorous Leafroller	1 1/4 - 2 1/2
Fall Webworm	3/4 - 1 1/4
Walnut Caterpillar	1 1/4 - 2 1/2
Cankerworms	3/4 - 1 1/4

Pome Fruits

<u>Pests Controlled:</u>	<u>Ounces/50 ft. Row</u>
Cankerworms	3/4 - 1 1/4
Gypsy Moth	1 1/4 - 2 1/2
<u>Pests Controlled:</u>	<u>Ounces/50 ft. Row</u>
Variegated Leafroller	1 1/4 - 2 1/2
Redbanded Leafroller	1 1/4 - 2 1/2
Tufted Apple Budworm	1 1/4 - 2 1/2
Tent Caterpillar	3/4 - 1 1/4

Citrus

<u>Pests Controlled:</u>	<u>Ounces/50 ft. Row</u>
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Fruit Tree Leafroller	1 1/4 - 2 1/2
Orangedog	3/4 - 1 1/4

Tropical Fruits

<u>Pests Controlled:</u>	<u>Ounces/50 ft. Row</u>
Hornworm	1 1/4 - 2 1/2
Leafrollers	1 1/4 - 2 1/2
Omnivorous Looper	1 1/4 - 2 1/2
Loopers	1 1/4 - 2 1/2

Forest Shade, Sugar Maple Trees & Ornamentals

<u>Pests Controlled:</u>	<u>Ounces/50 ft. Row</u>
Gypsy Moth	1 1/4 - 2 1/2
Bagworm	1 1/4 - 2 1/2
Red-Humped Caterpillar	3/4 - 1 1/4
Spring & Fall Cankerworm	3/4 - 1 1/4
Fall Webworm	1 1/4
Elm Spanworm	1 1/4 - 2:1/2
Tent Caterpillars	3/4 - 1 1/4
California Oak Moth	3/4 - 1 1/4
Pine Butterfly	2 1/2
Spruce Budworms	2 1/2
Saddle Prominent Caterpillar	1 1/4 - 2 1/2
Douglas Fir Tussock Moth	2 1/2
Western Tussock Moth	1 1/4 - 2 1/2
Fruit Tree Leafroller	1 1/4 - 2 1/2
Blackheaded Budworm	2 1/2
Mimosa Webworm	1 1/4 - 2 1/2
Jack Pine Budworm	1 1/4 - 2 1/2
Saddlebrack Caterpillar	1 1/4 - 2 1/2

NOTICE: Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

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